

Manchester. In 1885 he went to Kimberley, where he remained for twelve months, as Electrical Engineer to the French Diamond Mining Company. In the following year he was appointed Electrical Engineer to De Beer's Mining Company, and in 1887 Electrical Engineer to De Beer's Consolidated Mining Company. He lighted all the underground workings of that Company, and introduced a system of motors for pumping, hoisting, ventilating, sawing, etc. He remained with the Company until 1893, holding in the meantime the appointments of Borough Electrician for Kimberley, Electrical Engineer to the Kimberley Exhibition, and Consulting Engineer to the Bultfontein Mining Company and to the Anglo-African Diamond Mining Company.

In 1893 Mr. Drummond left De Beer's and joined Messrs. Reunert and Lenz, Consulting Engineers to the principal mining companies in Johannesburg. From that time he was engaged in designing and in carrying out arrangements for pumping, lighting and ventilating numerous mines in the Transvaal. Where possible, pumps, hoists and traction plant were worked by electricity generated on the spot, but in one instance the current was carried 20 miles by the three-phase system at a pressure of 10,000 volts. He also designed and carried out the whole of the plant for the Johannesburg Electric Lighting Station at Park Town.

Mr. Drummond died at Johannesburg on the 23rd June, 1898, at the age of thirty-six. He was elected an Associate Member on the 4th February, 1894.

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HUDSON REAH, born on the 3rd August, 1839, served articles from 1857 to 1862 to Mr. John Johnstone, architect and surveyor, of Newcastle-on-Tyne. In 1863 he became Assistant Engineer to the Corporation of Sunderland, and three years later he was appointed Borough Engineer and Surveyor of Darlington. While holding the latter post he designed and constructed reservoirs, filter-beds, a pumping-station and other works in connection with the water-supply of Darlington, and laid out the sewage-farm of that town.

Mr. Reah remained at Darlington until 1878, when he was appointed Borough Engineer and Surveyor of Preston, to which post were added, in 1881, the duties of Corporation Steward. He held those offices until his death, which took place at Preston on the 16th July, 1898. The chief undertakings upon which he was

engaged during that period were the main sewage and sewage-disposal works, waterworks extension, tramways and street improvements.

Mr. Reah was elected an Associate Member on the 12th January, 1886.

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FRANCIS SAMUEL WILDE, eldest son of Mr. Samuel John Wilde, barrister-at-law, was born in London on the 30th August, 1857, and was educated at Haileybury College, where he obtained a mathematical scholarship. He was apprenticed to Mr. William Adams, then Locomotive Superintendent of the Great Eastern Railway Works at Stratford. He worked for a short time under a contractor on the Halesowen Railway in 1878, and in the following year he went to Brazil as an Assistant Engineer on the construction of the Natal and Nova Cruz Railway. On the completion of that line he was engaged on the Alagoas Railway under the same contractors. In 1887 Mr. Wilde proceeded to India, where he was occupied on the construction of the Bengal-Nagpur Railway. On the reduction of the staff on the near completion of that line, he was engaged on the Simla Railway survey. He then returned to England and acted for Sir Alexander Rendel as an inspector of bridge and other works.

In 1891 Mr. Wilde again went to India and was employed at Gulestan on the Quetta Railway for the Government. In November, 1892, he was appointed an Executive Engineer on the Assam-Bengal Railway, on the hill section in the middle of the Cachar Hills in a dense jungle. There he was engaged until the 12th July, 1898, when he was murdered by some Pathans who were working on the line. Mr. Wilde was elected an Associate Member on the 4th December, 1883.

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ARTHUR EDWARD GUEST, born at Dowlais on the 7th November, 1841, was the fifth and youngest son of the late Sir Josiah John Guest, Bart., by Lady Charlotte Elizabeth, only daughter of the ninth Earl of Lindsey. The Guest family first made its appearance in Wales in 1760. In the early part of the eighteenth century there lived at the White Horse, in Broseley, Staffordshire, a small freeholder named John Guest, who carried on the combined business of a brewer, farmer and coal dealer. Over the porch of